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# qNano measurements

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An abbreviated version of this protocol was published in Cell Mol Life Sci in Apr 2019

Extracellular vesicle release from intestinal organoids is modulated by Apc mutation and other colorectal cancer progression factors

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## Detailed protocol

-Supernatants were harvested after 48 h, cultured in serum-free conditions
-Centrifuged at 300*g* for 5 min, and the supernatant was then pelleted again at 2000 g for 20 min. Supernatant was applied to qNano (Izon) analysis
-Depending on the sample type, qNano measurements were carried out either with undiluted samples or samples were diluted in the used serum-free medium
-Calibration beads CPC100B or CPC400G were suspended in the same culture media
-Minimum 500 data points were collected or, when not possible, samples were measured for 5 min
-Samples were measured according to the manufacturer's protocol

**How to cite:**（Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used）

1. Wiener, Z. (2021). qNano measurements. Bio-protocol Preprint. bio-protocol.org/prep1274.
2. Szvicsek, Z., Oszvald, Á., Szabó, L., Sándor, G. O., Kelemen, A., Soós, A. Á., Pálóczi, K., Harsányi, L., Tölgyes, T., Dede, K., Bursics, A., Buzás, E. I., Zeöld, A. and Wiener, Z.(2019). Extracellular vesicle release from intestinal organoids is modulated by Apc mutation and other colorectal cancer progression factors. Cell Mol Life Sci 76(12). DOI: 10.1007/s00018-019-03052-1

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